

Amendments to the claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Please cancel claims 3, 4, 6, 11, 13, 15, 21, 24, 25, 31-33, 40 and 41 without prejudice.

Please amend claims 2, 5, 7-10, 12, 14, 16-20, 22, 23, 26, 29, 30, 34-37 and 39 as indicated below (material to be inserted is in underline, material to be deleted is in ~~strikeout~~):

Listing of Claims:

1. (Original) A light-filtering element for a display device, comprising:
at least one filter having a chamber with a filtering fluid, the filtering fluid selectively disposed in an optical path; and
a liquid motion actuator selectively configured to move the filtering fluid substantially into and out of the optical path.
2. (Currently Amended) The light-filtering element of claim 1, wherein the liquid motion actuator ~~includes a bubble generator~~ is configured to selectively ~~produce a vapor bubble within the chamber~~ alter dimensions of the chamber to displace the filtering fluid from the optical path.
3. (Cancelled)
4. (Cancelled)
5. (Currently Amended) The light-filtering element of claim 2, wherein the ~~bubble generator is configured to selectively generate bubbles which intermittently reflect light in the optical path to~~ dimensions of the chamber affect intensity of light passing through the filtering chamber.

6. (Cancelled)
7. (Currently Amended) The light-filtering element of claim 1, wherein the liquid motion actuator is configured to alter ~~the surface characteristics of the chamber~~ to effect displacement of the filtering fluid within the chamber.
8. (Currently Amended) The light-filtering element of claim 1, wherein the filtering fluid is a colored ~~fluid~~ liquid.
9. (Currently Amended) A color-generating device, comprising:
a plurality of color elements disposed in an optical path, wherein each color element includes at least one filter having a chamber with a filtering ~~fluid~~ liquid, the filtering ~~fluid~~ liquid being selectively disposed in the optical path; and
a liquid motion actuator configured to selectively move the filtering ~~fluid~~ liquid into and out of the optical path.
10. (Currently Amended) The color-generating device of claim 9, wherein the liquid motion actuator ~~includes a bubble generator~~ is configured to selectively ~~produce a vapor bubble within~~ alter the chamber to ~~displace the filtering fluid from~~ move the filtering liquid into and out of the optical path.
11. (Cancelled)
12. (Currently Amended) The color-generating device of claim ~~40~~ 9, wherein the ~~vapor bubble is configured to~~ filtering fluid is selectively moved to selectively reflect light in the optical path.
13. (Cancelled)
14. (Currently Amended) The color-generating device of claim 9, wherein the liquid motion actuator ~~includes an electrically-actuated element~~ is configured to ~~alter the dimensions of the chamber~~ to selectively move the filtering liquid into and out of the optical path.

15. (Cancelled)

16. (Currently Amended) The color-generating device of claim 14, wherein the chamber includes a surface treatment adapted to promote a flow of ~~fluid~~ filtering liquid out of the optical path ~~when the piezo element is not actuated~~ under direction of the liquid motion actuator.

17. (Currently Amended) A display system, comprising:

an illumination source configured to produce light and direct light along an optical path;

a color generator disposed in the optical path, the color generator ~~comprising~~ including one or more color elements, where one or more color elements has at least one filter with a color-filtering fluid and an associated liquid motion actuator, the filter ~~being selectively configurable in~~ liquid motion actuator configured to selectively move a substantial volume of the color-filtering liquid to selectively configure the filter in at least one of a filtering state and a non-filtering state; and

a display surface configured to receive light from the color generator to produce a color image.

18. (Currently Amended) The display system of claim 17, wherein the at least one filter has a transparent region disposed in the optical pathway, and where the color-filtering ~~fluid~~ liquid is selectively positionable substantially within the transparent region when the filter is in a filtering state.

19. (Currently Amended) The display system of claim 17, wherein the at least one filter has a transparent region disposed in the optical pathway and where the color-filtering ~~fluid~~ liquid is selectively positionable substantially outside the transparent region when the filter is in the non-filtering state.

20. (Currently Amended) The display system of claim 17, wherein the liquid motion actuator is ~~a bubble generator configured to selectively generate a bubble in the optical path to reflect~~ alter the chamber to effect reflection of light such that the filter is in a non-filtering state.

21. (Cancelled)

22. (Currently Amended) The display system of claim 20, wherein each color element includes a red filter with red-filtering ~~fluid~~ liquid, a green filter with green-filtering ~~fluid~~ liquid, and a blue filter with a blue-filtering ~~fluid~~ liquid, each filter being separately configurable in a filtering state and a non-filtering state to produce different colored light.

23. (Currently Amended) A color element for a display system having a light source, the color element comprising:

a plurality of chambers, each chamber containing a filtering fluid; and

~~a piezo-element~~ an electrically-actuated element coupled with each chamber, the ~~piezo-element~~ electrically-actuated element being ~~selectively deformable configured to selectively alter each chamber~~ to move the filtering fluid between a region of the chamber outside a light path ~~into~~ and a region of the chamber within the light path.

24. (Cancelled)

25. (Cancelled)

26. (Currently Amended) The color element of claim 23, wherein the chamber includes a surface treatment adapted to promote a flow of fluid out of the ~~select region where the piezo-element is not deformed~~ light path under direction of the electrically-actuated element.

27. (Original) The color element of claim 23, wherein the region of the chamber within the light path is hydrophobic.

28. (Original) The color element of claim 23, wherein the region of the chamber outside the light path is hydrophilic.

29. (Currently Amended) A method of filtering light, the method comprising:

directing light along an optical path onto a filter, the filter having filtering ~~fluid~~ liquid moveable into and out of the optical path;

selectively moving the filtering fluid within the filter; and

directing light through the filter.

30. (Currently Amended) The method of claim 29, wherein selectively moving the filtering ~~fluid~~ liquid within the filter includes selectively moving the filtering ~~fluid~~ liquid substantially into the optical path, and directing light through the filter includes passing light through the filtering ~~fluid~~ liquid to produce filtered light.

31. (Cancelled)

32. (Cancelled)

33. (Cancelled)

34. (Currently Amended) The method of claim 29, wherein selectively moving the filtering ~~fluid~~ liquid includes selectively ~~actuating at least one piezo-element~~ altering dimensions of the filter.

35. (Currently Amended) The method of claim 34, wherein selectively altering dimensions of the filter includes actuating at least one piezo-element ~~includes deforming electrically-actuated element to deform the filter, and thereby,~~ to force the filtering ~~fluid~~ liquid into the optical path.

36. (Currently Amended) The method of claim 35, wherein directing the light through the filter includes passing the light through the filtering ~~fluid~~ liquid to produce a color.

37. (Currently Amended) A color generator for a display system having an optical path, the color generator comprising:

a first color filter within the optical path having a first color filtering ~~fluid~~ liquid selectively adapted to filter impinging light;

a second color filter within the optical path having a second color filtering ~~fluid~~ liquid selectively adapted to filter impinging light;

a third color filter within the optical path having a third color filtering ~~fluid~~ liquid selectively adapted to filter impinging light;

a first promotion means linked to the first color filter to promote motion of the first color filtering ~~fluid~~ liquid into and out of the optical path;

a second promotion means linked to the second color filter to promote motion of the second color filtering ~~fluid~~ liquid into and out of the optical path; and

a third promotion means linked to the third color filter to promote motion of the third color filtering ~~fluid~~ liquid into and out of the optical path.

38. (Original) The color generator of claim 37, wherein the first color filter, second color filter and third color filter are substantially adjacent within a color element and the first promotion means, second promotion means, and third promotion means are individually controlled to produce a selected color output.

39. (Currently Amended) The color generator of claim 38, wherein the first color filtering ~~fluid~~ liquid is red liquid, the second color filtering ~~fluid~~ liquid is green liquid, and the third color filtering ~~fluid~~ liquid is blue liquid.

40. (Cancelled)

41. (Cancelled)